

**Notice of Allowability**

Application No.

09/829,361

Examiner

Tadesse Hailu

Applicant(s)

KAWAMUKAI ET AL.

Art Unit

2173

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 7/11/06.
2. ☒ The allowed claim(s) is/are 6.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some\* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- |  |   |
|--|---|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892)   | 5. <input type="checkbox"/> Notice of Informal Patent Application                     |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                       | 6. <input type="checkbox"/> Interview Summary (PTO-413),<br>Paper No./Mail Date _____ |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO/SB/08),<br>Paper No./Mail Date _____    | 7. <input type="checkbox"/> Examiner's Amendment/Comment                              |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br>of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance  |
|  | 9. <input type="checkbox"/> Other _____   |

**Examiner's Statement of Reasons for Allowance**

1. This Office Action is in response to the AMENDMENT filed on July 11, 2006 for the above identified application number.
2. Claim 6 is allowed.

The following is an examiner's statement of reasons for allowance:

Saeki et al (US Pat No 6,067,400), the closest prior art of record to the current invention, relates to a multimedia optical disc that stores multimedia data.

A multimedia optical disc comprising a data area for storing at least one object that has sub-picture data and moving picture data, wherein the data area includes a plurality of small areas, each of which includes a first sub-area and a second sub-area, with the object in the data area being stored over consecutive small areas; the first sub-area stores the moving picture data having a certain time period and the sub-picture data being reproduced at the same timing as the moving picture data, the sub-picture data being a menu image which includes a plurality of buttons for showing menu items for display; and the second sub-area stores control information including button control data for responding to a user's operation applied onto a menu image reproduced in the first sub-area in the same small area and auxiliary control data for substituting the user's operation applied onto the menu. (Saeki, column 4, lines 10-24).

Regarding the claimed subject matter of claim 6, Saeki reads some of the claimed features of "transport stream data" (column 29, lines 28-48) that has been recorded on a medium. The "transport stream data" comprising "a menu item coordinate information" (Fig. 12), "image information" (e.g., images 1-3, Fig. 35). Saeki however fails to teach the further limitations of the above

features as recited in the claim. That is, Saeki at least fails to teach "valid duration information" for which the menu item coordinate information is valid; reading the menu item coordinate information and valid duration information inserted in the transport stream data at a predetermined time periods; and "associating a particular data of multi-angle data included in the transport stream data with a particular menu item"

Thus, Saeki neither renders obvious nor anticipates the combination of claimed elements in light of the specification. Thus, for at least the reason above, independent claim 6 is patentable over the cited prior art Reference.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

#### CONCLUSION

3. Information regarding the status of an application may be obtained from the patent application information retrieval (PAIR) system. Status information for published application may be obtained from either Private -PAIR or Public-PAIR. Status information for unpublished applications is available through Private-PAIR only. For more information about the PAIR system, please see [pair-direct.uspto.gov](http://pair-direct.uspto.gov) web site. Should you have questions regarding access to the PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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4. Any inquiry concerning this communication or earlier communications from the Examiner should be directed to Tadesse Hailu, whose telephone number is (571) 272-4051. The Examiner can normally be reached on M-F from 10:30 – 7:00 ET. If attempts to reach the Examiner by telephone are unsuccessful, the Examiner's supervisor, Kincaid, Kristine, can be reached at (571) 272-4063 Art Unit 2173 and 2174.

Examiner Tadesse Hailu  
Art Unit 2173 – Operator Interface  
12/14/06

**TADESSE HAILU**  
*Patent Examiner*  
